

## FM300 Installation Guide

### Features

FM300 is a three-frequency stereo FM modulator with selectable FM frequencies of compact size. It allows the addition of auxiliary audio sources to any FM radio (even those lacking auxiliary inputs). It can be used with DVD players, MP3 players, Digital TV Turner, and more.

### How to install FM300

1. Find a suitable location for this FM modulator.
2. Plug the RCA/power cable to socket of unit (labeled "Audio Input + - ") located at the front of the FM300 .
3. Connect the male radio antenna connector to the car radio's FM antenna input, and the female connector to the car antenna..
4. Connect the Black wire power cable to chassis ground.
5. Connect the red wire to Digital TV Turner or other audio sources like DVD
6. Set the Frequency Select switch to either L, M or H. The frequency range for L,M and H are as follows :  
L : from 87.9 to 88.3MHz; M : from 88.6 to 89.0 MHz; H : from 89.3 to 89.7 MHz
7. Turn on the car radio and tune to the frequency selected in Step 6.
8. Once you determine the correct frequency, it is recommended to store the frequency using one of your radio's preset keys.
9. Turn on the audio source (Digital TV turner or DVD) connected to the FM modulator. This audio source should now be heard over the vehicle speakers.
10. Adjust the volume control of the car radio to appropriate level.
11. Once you turned the audio source (Digital TV turner or DVD) off, your car radio returns to standard radio use.

### Specifications

1. Operating Voltage: 14.4V DC Norn. (Operating Range 10.8 to 15.6V DC)
2. Max. Current Consumption: 250MA
3. Operating Frequencies:  
FM1 : 88.1 + - 0.2 MHz  
FM2 : 88.8 + - 0.2 MHz  
FM3 : 89.5 + - 0.2 MHz
4. Frequency response  $\pm 3$  dB: 40Hz ~ 11KHz
5. Channel separation: 22dB
6. S/N with Q-Peak CCIR Filter: 45 dB
7. THD @ 1KHZ: 1.8 %
8. RF isolation @ 30dB S/N (anti-inteference): 85 dB
9. Power cable length: 30 cm
10. Cabinet size: 88 (L) x 68 (W) x 18 (D) mm

For a Class B digital device or peripheral, the instructions furnished the user shall include The following or similar statement, placed in a prominent location in the text of the manual:

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

**FCC ID:SSX-FM300S**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:  
(1) this device may not cause harmful interference, and  
(2) this device must accept any interference received, including interference that may cause undesired operation.

**Product: FM STEREO MODULATOR**

**Model : FM300S**